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89188 7590 02/23/2010

Progress / Fenwick
Silicon Valley Center
801 California Street
Mountain View, CA 94041

EXAMINER

MIRZA, ADNAN M

ART UNIT

PAPER NUMBER

2445

DATE MAILED: 02/23/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/015,501

12/11/2001

Kerry Champion

23982-11568

6519

TITLE OF INVENTION: TRAFFIC MANAGER FOR DISTRIBUTED COMPUTING ENVIRONMENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$0	\$0	\$755	05/24/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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If the SMALL ENTITY is shown as NO:

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/015,501	12/11/2001	Kerry Champion	23982-11568	6519

TITLE OF INVENTION: TRAFFIC MANAGER FOR DISTRIBUTED COMPUTING ENVIRONMENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$0	\$0	\$755	05/24/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
MIRZA, ADNAN M	2445	709-203000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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Date _____

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 1139 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 1139 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)	
	10/015,501	CHAMPION, KERRY	
	Examiner	Art Unit	
	ADNAN MIRZA	2445	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/06/2009.
2. ☒ The allowed claim(s) is/are 1,3-17 and 19-56.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>10/01/2009</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date ____. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other ____. |
|--|---|

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EXAMINER'S AMENDMENT

4

5 An Examiner's Amendment to the record appears below. Should the
6 changes and/or additions be unacceptable to applicants, an amendment
7 may be filed as provided by 37 CFR 1.312. To ensure consideration of
8 such an amendment, it must be submitted no later than the payment of the
9 issue fee.

10

11 Authorization for this Examiner's Amendment was given in a telephone
12 interview with Puneet Sarna on 11/19/09.

13

14 Please amend claims 1,3,4,5,15,17,19,20,21,31 and cancel claims
15 2,18.

16

17 **Listing of Claims**

18 1. (Currently Amended) A traffic manager for facilitating
19 communication in accordance with at least one policy between a client node and a
20 server node wherein the client node and the server node have at least one
21 distinguishing characteristic between them and the at least one distinguishing
22 characteristic includes more than having distinguishing network addresses, the

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24 server node having a first Simple Object Access Protocol (SOAP)
25 interface associated therewith, the client node having an existing interface
26 associated therewith, the traffic manager capable of communicating with both the
27 client node and the server node and comprising a central processing unit which is
28 operable to:

29 communicate with the server node via the first SOAP interface, wherein
30 the first SOAP interface is incompatible with the existing client
31 interface because of the at least one distinguishing characteristic;
32 generate at least a second SOAP interface, for communication with the
33 first SOAP interface, in accordance with a protocol for exchanging
34 information in a protocol message format and the at least one
35 policy, wherein the at least one policy provides a mechanism to
36 bridge the at least one distinguishing characteristic, wherein the
37 traffic manager bridges the at least one distinguishing
38 characteristic and facilitates communication between the client
39 node and the server node; and
40 publish the second SOAP interface, thereby allowing the client node to
41 access at least one service on the server node via the traffic
42 manager in accordance with the at least one policy.

43 2. (Cancelled).

44 3. (Currently Amended) The traffic manager of claim 1 [[2]],
45 wherein the SOAP interfaces employ Extensible Markup Language (XML).

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49 4. (Currently Amended) The traffic manager of claim 1 [[2]],
50 wherein each of the first and second SOAP interfaces has a description language
51 file associated therewith defining the associated interface.

52 5. (Currently Amended) The traffic manager of claim 1, wherein the
53 first SOAP interface includes one of HTTP, TCP, HTTPS, HTTPR, and MQ.

54 6. (Original) The traffic manager of claim 1, wherein the distributed
55 computing environment includes a network corresponding to a single enterprise
56 including the server node, and wherein the client node is external to the network.

57 7. (Original) The traffic manager of claim 1, wherein the distributed
58 computing environment includes a network corresponding to a single enterprise
59 and including both the client and server nodes.

60 8. (Original) The traffic manager of claim 1, wherein the at least one
61 policy includes requiring authorization by a human operator for invocation of the
62 at least one service.

63 9. (Original) The traffic manager of claim 1, wherein the at least one
64 policy includes mapping an organizational role to a person.

65 10. (Original) The traffic manager of claim 9, wherein the mapping of
66 the organizational role to the person is done using an LDAP directory associated
67 with the distributed computing environment.

68 11. (Original) The traffic manager of claim 1, wherein the at least one
69 policy is a security policy.

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72 12. (Original) The traffic manager of claim 11, wherein the security
73 policy is associated with encryption or decryption of at least a portion of data
74 which is exchanged between the client and the server.

75 13. (Original) The traffic manager of claim 11, wherein the security
76 policy is associated with generating or verifying at least one digital signature for
77 at least one portion of data which is exchanged between the client and the server.

78 14. (Original) The traffic manager of claim 11, wherein the security
79 policy is associated with protection against service attacks.

80 15. (Currently Amended) The traffic manager of claim 1, wherein the
81 at least one policy is associated with enforcing policies with respect to publication
82 or access to the first or second SOAP interfaces.

83 16. (Original) The traffic manager of claim 1, wherein the at least one
84 policy is associated with review of data communicated between the server and
85 client nodes.

86 17. (Currently Amended) A traffic manager for facilitating
87 communication between a plurality of nodes in a distributed computing
88 environment, wherein the traffic manager bridges at least one distinguishing
89 characteristic and facilitates communication between the plurality of nodes, each
90 of the nodes having a primary SOAP interface associated therewith, the traffic
91 manager comprising a central processing unit which is operable to generate and
92 publish a plurality of intermediate SOAP interfaces for communication with one
93 of the primary SOAP interfaces, each of the intermediate SOAP interfaces being
94 generated according to a protocol for exchanging information in a protocol

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96 message format and at least one policy, the at least one policy bridges at
97 least one distinguishing characteristic between the one of the primary SOAP
98 interface and another primary SOAP interface, wherein the at least one
99 distinguishing characteristic includes more than having distinguishing network
100 addresses, and allowing each of the nodes to access at least one service on at least
101 one other one of the nodes.

102 18. (Cancelled).

103 19. (Currently Amended) The traffic manager of claim [[18]] 17,
104 wherein ~~the~~ at least one SOAP interface employs Extensible Markup Language
105 (XML).

106 20. (Currently Amended) The traffic manager of claim [[18]] 17,
107 wherein each of the primary and intermediate SOAP interfaces has a description
108 language file associated therewith defining the associated interface.

109 21. (Currently Amended) The traffic manager of claim 17, wherein
110 the primary SOAP interface includes one of HTTP, TCP, HTTPS, HTTPR, and
111 MQ.

112 22. (Original) The traffic manager of claim 17, wherein the distributed
113 computing environment includes a network corresponding to a single enterprise
114 including the server node and wherein the client node is external to the network.

115 23. (Original) The traffic manager of claim 17, wherein the distributed
116 computing environment includes a network corresponding to a single enterprise
117 and including both the client and server nodes.

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120 24. (Original) The traffic manager of claim 17, wherein the at least
121 one policy includes requiring authorization by a human operator for invocation of
122 the at least one service.

123 25. (Original) The traffic manager of claim 17, wherein the at least
124 one policy includes mapping an organizational role to a person.

125 26. (Original) The traffic manager of claim 25, wherein the mapping
126 of the organizational role to the person is done using an LDAP directory
127 associated with the distributed computing environment.

128 27. (Original) The traffic manager of claim 17, wherein the at least
129 one policy is a security policy.

130 28. (Original) The traffic manager of claim 27, wherein the security
131 policy is associated with encryption or decryption of at least a portion of data
132 which is exchanged between the client and the server.

133 29. (Original) The traffic manager of claim 27, wherein the security
134 policy is associated with generating or verifying at least one digital signature for
135 at least one portion of data which is exchanged between the client and the server.

136 30. (Original) The traffic manager of claim 27, wherein the security
137 policy is associated with protection against service attacks.

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141 31. (Currently Amended) The traffic manager of claim 17, wherein
142 the at least one policy is associated with enforcing policies with respect to
143 publication or access to the ~~first or second~~ primary or secondary SOAP interfaces.

144 32. (Original) The traffic manager of claim 17, wherein the at least
145 one policy is associated with review of data communicated between the server
146 and client nodes.

147 33. (Previously Presented) A traffic manager for facilitating
148 communication in accordance with at least one policy between a client node and a
149 server node wherein the client node and the server node have at least one
150 distinguishing characteristic between them and the at least one distinguishing
151 characteristic includes more than having distinguishing network addresses, the
152 server node having a first SOAP interface associated therewith, the client node
153 having one or more existing interface associated therewith, the traffic manager
154 comprising a central processing unit which is operable to:

155 communicate with the server node via the first SOAP interface, wherein
156 the first SOAP interface is incompatible with the one or more
157 existing client interface because of the at least one distinguishing
158 characteristic;

159 generate a second SOAP interface for communication with the first SOAP
160 interface according to the at least one policy, wherein the at least
161 one policy provides a mechanism to bridge the at least one
162 distinguishing characteristic, the traffic manager bridges the at
163 least one distinguishing characteristic and facilitates
164 communication between the client node and the server node; and

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168 publish the second SOAP interface, thereby allowing the client node to
169 access at least one service on the server node in accordance with
170 the at least one policy.

171 34. (Original) The traffic manager of claim 33, wherein the SOAP
172 interfaces employ Extensible Markup Language (XML).

173 35. (Previously Presented) The traffic manager of claim 33, wherein
174 each of the first and second SOAP interfaces has a description language file
175 associated therewith defining the associated interface.

176 36. (Previously Presented) The traffic manager of claim 33, wherein
177 each of the first and second SOAP interface includes one of HTTP, TCP, HTTPS,
178 HTTPR, and MQ.

179 37. (Original) The traffic manager of claim 33, wherein the at least
180 one policy is a security policy.

181 38. (Original) The traffic manager of claim 37, wherein the security
182 policy is associated with protection against service attacks.

183 39. (Original) The traffic manager of claim 33, wherein the at least
184 one policy is associated with enforcing policies with respect to publication or
185 access to the first or second interfaces.

186 40. (Original) The traffic manager of claim 33, wherein the at least
187 one policy is associated with review of data communicated between the server
188 and client nodes.

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191 41. (Previously Presented) A traffic manager for facilitating
192 communication between a plurality of nodes in a distributed computing
193 environment, wherein the traffic manager bridges at least one distinguishing
194 characteristic and facilitates communication between the plurality of nodes, each
195 of the nodes having a primary SOAP interface associated therewith, the traffic
196 manager comprising a central processing unit which is operable to generate and
197 publish a plurality of intermediate SOAP interfaces, for communication with one
198 of the primary SOAP interfaces, each of the intermediate SOAP interfaces being
199 generated according to at least one policy, the at least one policy bridges at least
200 one distinguishing characteristic between the one of the primary interface and
201 another primary interface and the at least one distinguishing characteristic
202 includes more than having distinguishing network addresses, and allowing each of
203 the nodes to access at least one service on at least one other one of the nodes.

204 42. (Previously Presented) A computer-implemented method of
205 managing traffic between server and client programs, wherein at least one server
206 program and at least one client program have at least one distinguishing
207 characteristic between them and the at least one distinguishing characteristic
208 includes more than having distinguishing network addresses, wherein the method
209 bridges at least one distinguishing characteristic and facilitates communication
210 between the at least one server program and the at least one client program, the
211 method comprising:

212 identifying a first SOAP interface associated with the at least one server
213 program, wherein the first SOAP interface is incompatible with the
214 at least one client program because of the at least one
215 distinguishing characteristic; and
216

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218 generating at least a second SOAP interface for communication with the
219 first SOAP interface according to at least one policy, wherein the
220 at least one policy provides a mechanism to bridge the at least one
221 distinguishing characteristic and
222 the at least one client program can use the second SOAP interface to
223 request one or more services.

224 43. (Original) A method as recited in claim 42, wherein the method
225 comprises:

226 receiving a SOAP message through the second interface from the client
227 program; and
228 processing the SOAP message in accordance with at least one rule.

229 44. (Original) A method as recited in claim 42, wherein the at least
230 one policy includes requiring authorization by a human operator for invocation of
231 the at least one service.

232 45. (Original) A method as recited in claim 42, wherein the at least
233 one policy includes mapping an organizational role to a person.

234 46. (Original) A method as recited in claim 42, wherein the mapping
235 of the organizational role to the person is done using an LDAP directory
236 associated with the distributed computing environment.

237 47. (Original) A method as recited in claim 42, wherein the at least
238 one policy is a security policy.

239 48. (Original) A method as recited in claim 47, wherein the security
240 policy is associated with encryption or decryption of at least a portion of data
241 which is exchanged between the client and the server.

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244 49. (Original) A method as recited in claim 47, wherein the security
245 policy is associated with generating or verifying at least one digital signature for
246 at least one portion of data which is exchanged between the client and the server.

247 50. (Original) The traffic manager of claim 47, wherein the security
248 policy is associated with protection against service attacks.

249 51. (Original) A method as recited in claim 42, wherein the at least
250 one policy is associated with enforcing policies with respect to publication or
251 access to the first or second interfaces.

252 52. (Original) A method as recited in claim 42, wherein the at least
253 one policy is associated with review of data communicated between the server
254 and client nodes.

255 53. (Original) A computer readable medium having computer
256 program instructions stored therein for performing the method of claim 42.

257 54. (Previously Presented) A computer-implemented method for
258 facilitating communication between server and client programs, wherein at least
259 one server program and at least one client program have at least one
260 distinguishing characteristic and the at least one distinguishing characteristic
261 includes more than having distinguishing network addresses, wherein the method
262 bridges at least one distinguishing characteristic and facilitates communication
263 between the at least one server program and the at least one client program, the
264 method comprising:

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268 reading a WSDL file associated with a first SOAP interface to the at least

269 one server program;

270 generating at least a second SOAP interface for communication with the

271 first SOAP interface in accordance with at least one policy,

272 wherein the at least one policy provides a mechanism to bridge the

273 at least one distinguishing characteristic; and

274 the at least one client program can use the second SOAP interface to

275 request one or more services.

276 55. (Original) A method as recited in claim 54, wherein the method

277 further comprises:

278 reading a first UDDI file which lists the first SOAP interface;

279 generating or publishing a second WSDL file which describes the second

280 SOAP interface; and

281 creating or updating at least one UDDI entry associated with the generated

282 or published WSDL file.

283 56. (Original) A computer readable medium having computer

284 program instructions stored therein for performing the method of claim 54.

285 57. (Canceled)

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287 *Reasons for Allowance*

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289 1. Claims 1,3-17,19-56 will be allowed.

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293 2. The following is an examiner's statement of reasons for allowance.

294 The prior art references most closely resembling the applicants

295 claimed invention are Hultgren (U.S. 6,134,589) and Tuatini (U.S.

296 2002/0010781).

297 First, Hultgren disclosed a network connection between an

298 origination node and destination node (40) is dynamically

299 determined and established during a

300 tele/datacommunications session. However Hultgren failed

301 to disclose, "wherein the first SOAP interface is incompatible

302 with the existing client interface because of the at least one

303 distinguishing characteristic; generate at least a second

304 SOAP interface, for communication with the first SOAP

305 interface, in accordance with a protocol for exchanging

306 information in a protocol message format and the at least

307 one policy, wherein the at least one policy provides a

308 mechanism to bridge the at least one distinguishing

309 characteristic, wherein the traffic manager bridges the at

310 least one distinguishing characteristic and facilitates

311 communication between the client node and the server

312 node; and

313 publish the second SOAP interface, thereby allowing the client

314 node to access at least one service on the server node via the traffic

315 manager in accordance with the at least one policy". These limitations are

316 incorporated into all of the independent claims (claims 1,17,33,41,42,54).

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318

319 Second Tuatini disclosed an application architecture is provided in
320 which applications have action handler components to
321 service requests from clients and view handler components
322 to format responses to the clients. However Tuatini failed to
323 disclose, ““wherein the first SOAP interface is incompatible
324 with the existing client interface because of the at least one
325 distinguishing characteristic; generate at least a second
326 SOAP interface, for communication with the first SOAP
327 interface, in accordance with a protocol for exchanging
328 information in a protocol message format and the at least
329 one policy, wherein the at least one policy provides a
330 mechanism to bridge the at least one distinguishing
331 characteristic, wherein the traffic manager bridges the at
332 least one distinguishing characteristic and facilitates
333 communication between the client node and the server
334 node; and

335 publish the second SOAP interface, thereby allowing the client
336 node to access at least one service on the server node via the traffic
337 manager in accordance with the at least one policy”. These limitations are
338 incorporated into all of the independent claims (claims 1,17,33,41,42,54).

In summary, the Examiner submits that Hultgren and Tuatini taught all the limitations of independent claims in combination with other elements. Specifically prior art does not teach “wherein the first SOAP interface is incompatible with the existing client interface because of the at least one distinguishing characteristic; generate at least a second SOAP interface, for communication with the first SOAP interface, in accordance with a protocol for exchanging information in a protocol message format and the at least one policy, wherein the at least one policy provides a mechanism to bridge the at least one distinguishing characteristic, wherein the traffic manager bridges the at least one distinguishing characteristic and facilitates communication between the client node and the server node; and
publish the second SOAP interface, thereby allowing the client node to access at least one service on the server node via the traffic manager in accordance with the at least one policy; therefore, claims 1,3-17,19-56 have been deemed allowable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adnan Mirza whose telephone number is (571) 272-

3885. The examiner can normally be reached on Monday through Friday from 9:30 A.M. to 6:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Vivek Srivastava can be reached on (571)-272-7304. The fax phone numbers for the organization where this application or proceeding is assigned are listed herein below.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703)746-7239. Customer service number is (866) 217-9197.

/VIVEK SRIVASTAVA/

Supervisory Patent Examiner, Art Unit 2445